

A

BVDV-1 CP7-9A	GUUACGAGG	UUAGGCAAG	UUUCUGU	ACAUAUUGA	CACUCUAAA	AAAAUAUU	AGGCCUAGG	GACAAAUC	CUCCUACCG	ANGGCCGAA	98
Osloss	(AU) GUUACGAGA	AUUUGCCUA	. ACCUCGU	ACAUAUUGG	CAUUCUAAA	A...UAUAUU	AGGCCUAGG	GACAAA..UC	CUCCUACCG	ANGGCCGAA	93
NADL	GUUACGAGA	AUUAGAAAAG	GCACUGU	ACGUUAUUGG	CAUAUAAA	..UAUAUU	AGGCCUAGG	AACAAA..UC	CUCCUACCG	ANGGCCGAA	96
(SFV) Alfort-T	GUUACGAGG	UUAGCUCU	. UUUCUGU	ACGAUAUUGG	AAUACUAAA	..UUUCGAUU	UGGUCUAGG	CAC.....	CUCCUACCG	ACGGCCGAA	88
Brescia	GUUACGAGG	UUAGUCUA	. UUUCUGU	ACAUAUUGG	ACAAUCCAAA	A..UCUUAUU	UGGUCUAGG	CCU.....	CUCCUACCG	ACGGCCGAGC	90
BDV X818	GUUACGGGA	GUAGCUCA	. UGCCGU	ACAAUAUUGG	AAUAUCCAAA	A..UCUGAU	.GGUUAAGG	AG.....C	CUCCUACCG	ACGGCCGAGC	87
BVDV-2 890	GUUACGAGA	UUAGCUAAA	. GUACUGU	ACGGUAUUGA	CGUCCAGAAA	. CUUUGAUU	GGUUAACAG	GGAAUU..U	CUCCUACCG	ANGGCCGAA	96
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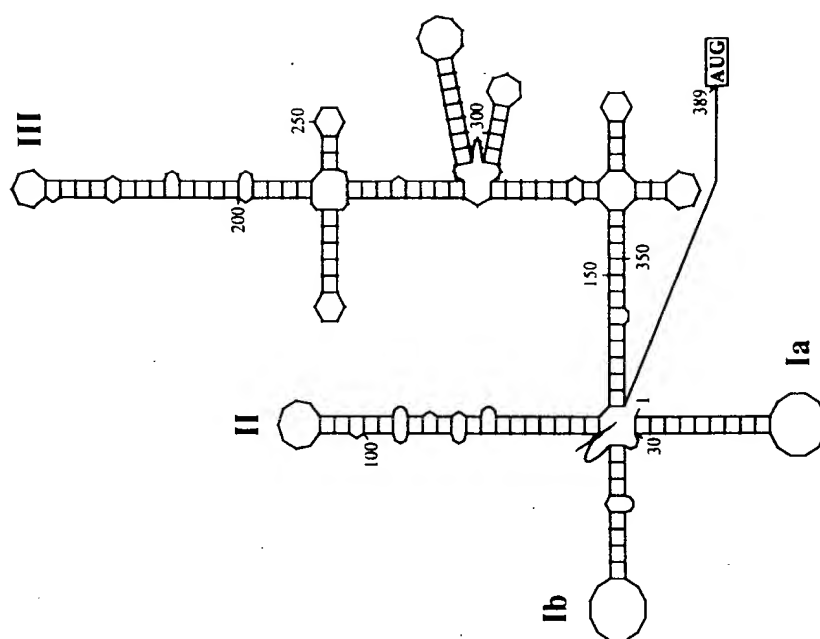


Figure 1

B

CP7-9A → 10 passages → 9A, 9A, 10A, 10A, 11A, 11A  
11A, 14A, 16A, 16A, 21A, 21A

CP7-20A → 10 passages → 12A, 16A, 17A, 19A, 20A, 22A  
23A, 24A, 30A, 31A, 33A, 36A

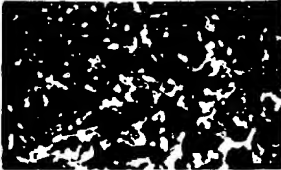
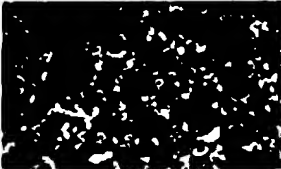




CP7-26A → 10 passages → 35A, 37A, 38A, 39A, 39A, 40A  
42A, 43A, 46A, 49A, 50A, 54A

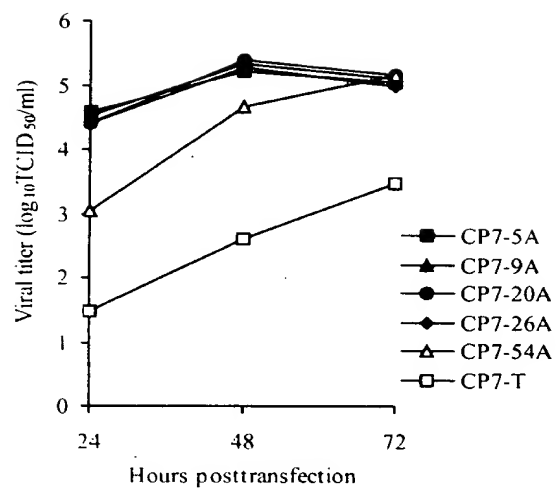
CP7-54A → 10 passages → 5A, 5A, 7A, 7A, 7A, 15A  
39A, 39A, 41A, 48A, 48A, 61A

CP7-5A → 10 passages → 5A (12 x)

Fig. 2

[illegible]

	IF 24h p.t.	Infectivity (PFU/ $\mu$ gRNA)
CP7-5A		$6.0 \times 10^5$
CP7-9A		$5.2 \times 10^5$
CP7-20A		$4.8 \times 10^5$
CP7-26A		$4.8 \times 10^5$
CP7-54A		$8.0 \times 10^4$
CP7-T		$8.0 \times 10^2$

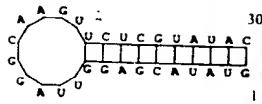


**Fig. 4**

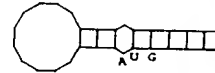
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A

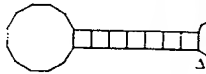
CP7-5A



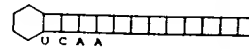
SL-5



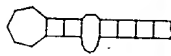
SL-1 ( $\Delta 2$ )



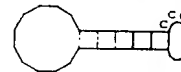
SL-6



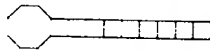
SL-2 ( $\Delta 6-7$ )



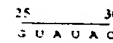
SL-7



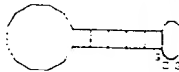
SL-3 ( $\Delta 14-17$ )



SL-8 ( $\Delta 1-24$ )



SL-4



SL-9 ( $\Delta 2-29$ )



B

	CP7-5A	SL-1	SL-2	SL-3	SL-4	SL-5	SL-6	SL-7	SL-8	SL-9
Infectivity (PFU/ $\mu$ g RNA)	$2.4 \times 10^5$	$4.4 \times 10^1$	$2.8 \times 10^4$	$4.0 \times 10^4$	< 10	$6.0 \times 10^4$	$6.4 \times 10^4$	$4.8 \times 10^4$	$5.2 \times 10^3$	$6.4 \times 10^2$
TCID <sub>50</sub> /ml 24 h p.t.	$4.3 \times 10^4$	< 10	$2.1 \times 10^5$	$4.8 \times 10^3$	< 10	$7.1 \times 10^2$	$5.5 \times 10^3$	$3.7 \times 10^3$	$2.1 \times 10^2$	< 10
48 h p.t.	$1.5 \times 10^5$	$4.5 \times 10^1$	$1.3 \times 10^5$	$7.3 \times 10^4$	$1.4 \times 10^2$	$6.6 \times 10^4$	$1.3 \times 10^5$	$8.6 \times 10^4$	$6.3 \times 10^3$	$4.7 \times 10^2$
72 h p.t.	$1.3 \times 10^5$	$2.1 \times 10^2$	$1.7 \times 10^5$	$1.3 \times 10^5$	$4.1 \times 10^2$	$2.2 \times 10^5$	$1.5 \times 10^5$	$1.3 \times 10^5$	$2.1 \times 10^4$	$4.2 \times 10^3$

Fig. 5

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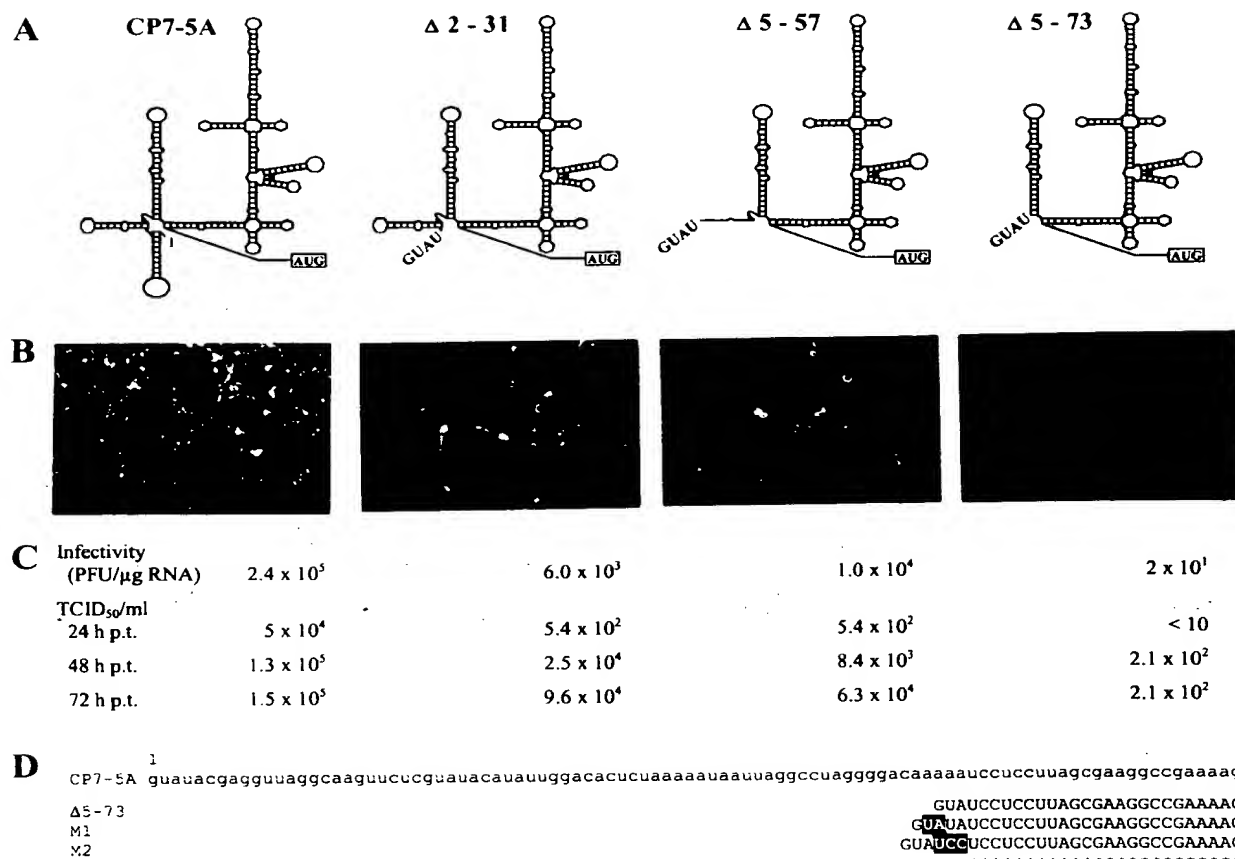


Fig. 6

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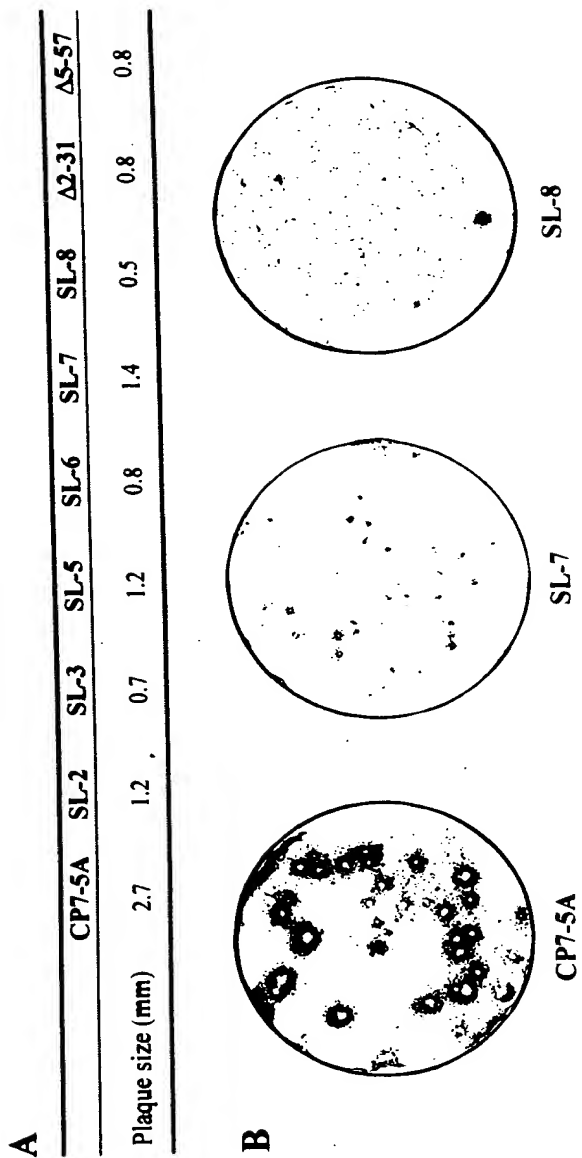


Figure 7

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Fig. 8

